

## CLAIMS

1. A frame transmission method comprising:  
a step of transmitting a request command for frame  
configuration modification; and,  
5 a step of, after transmitting the command, continuing to receive  
frames with configuration before the modification and at the same time waiting  
for frame with configuration after the modification.
2. A frame transmission apparatus comprising;  
a frame transmitting means for transmitting to an apparatus of a  
10 communications partner frames and a request command for frame  
configuration modification; and,  
a frame receiving means for receiving frames from the  
apparatus of the communications partner, the frame receiving means being  
for, when the request command for frame configuration modification is  
15 transmitted to the apparatus of the communications partner, continuing to  
receive frames with configuration before the modification and at the same  
time waiting for frame with configuration after the modification.
3. A frame transmission apparatus according to claim 2, wherein  
20 the frame receiving means receives frames and a request command for frame  
configuration modification, and the frame transmitting means, when the  
request command is received, carries out the modification of transmitting  
frames according to the command.
4. A frame transmission apparatus according to claim 3, wherein  
25 the frame transmitting means transmits a request command for frame  
configuration modification through a control channel, and the frame receiving  
means receives a request command for frame configuration modification  
through the control channel.

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1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as  $\epsilon \rightarrow 0$ . It is shown that the solutions of the system (1) converge to the solutions of the system (2) as  $\epsilon \rightarrow 0$ .